

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L19	21	(detect\$4 and switch\$4 and (normal\$4 adj (open closed)) and logic).clm.	US-PGPUB	OR	ON	2007/11/20 15:22

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	138	307/134.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/20 15:29
L2	29	detection adj circuit same switch\$4 same (normal\$4 adj (open closed)) same logic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/20 15:20
L8	0	(detection adj circuit) same ((normally adj open) (normally adj closed)) same signal same (logic adj state)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/20 14:42
L9	26	(detection adj circuit) same ((normally adj open) (normally adj closed)) same signal same logic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/20 14:43
L10	143	YIN-RONG	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/20 14:56
L11	9	10 and (detect\$4 adj circuit)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/20 14:53
L14	627	tamper adj switch	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/20 15:00

## EAST Search History

L15	73	14 same select\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/20 15:01
L16	26	15 same detect\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/20 15:20
L18	1	((detection adj circuit) and switch\$4 and (normal\$4 adj (open closed)) and logic).clm.	US-PGPUB	OR	ON	2007/11/20 15:22
L19	21	(detect\$4 and switch\$4 and (normal\$4 adj (open closed)) and logic).clm.	US-PGPUB	OR	ON	2007/11/20 15:22
S1	87	307/134.ccls.	US-PGPUB; USPAT	OR	ON	2007/11/20 12:56
S2	14092	detection adj circuit same switch\$4	US-PGPUB; USPAT	OR	ON	2007/11/20 14:22
S3	125	S2 same (prevention tamper\$3)	US-PGPUB; USPAT	OR	ON	2006/05/03 10:51
S4	26	S3 same state	US-PGPUB; USPAT	OR	ON	2006/05/01 14:52
S5	8	("4467391"   "4849847"   "5689209"   "5966311"   "6590440"   "6614288"   "6678829"   "6759812").PN. OR ("6861955").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/01 09:58
S6	11	("4165509"   "4224606"   "4244385"   "4280164"   "4367462"   "5287086").PN. OR ("5438323").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/01 14:24
S7	72	("2038878"   "2197028"   "2242246"   "2455376"   "3041592"   "3746863"   "3763795"   "3825920"   "4051472"   "4086586"   "4109233"   "4120389"   "4168396"   "4225859"   "4236463"   "4382291"   "4403138"   "4459583"   "4514720"   "4543565"   "4562306"   "4575621"   "4588176"   "4593384"   "4691350"   "4783801"   "4811288").PN. OR ("5117457").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/01 14:29

## EAST Search History

S8	14	("2624792"   "3440636"   "3603949"   "3624646"   "3673589"   "3821733"   "3924256").PN. OR ("3997890").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/01 14:44
S9	306	detection adj circuit same (open closed) adj switch\$4	US-PGPUB; USPAT	OR	ON	2006/05/01 14:52
S10	79	S9 same state	US-PGPUB; USPAT	OR	ON	2006/05/01 14:52
S11	11	S10 same monitor\$3	US-PGPUB; USPAT	OR	ON	2006/05/01 15:30
S12	14389	monitor\$3 adj circuit	US-PGPUB; USPAT	OR	ON	2006/11/01 18:13
S13	159	S12 same (open closed) adj switch\$3	US-PGPUB; USPAT	OR	ON	2006/05/01 15:32
S14	20	S13 same state	US-PGPUB; USPAT	OR	ON	2006/05/01 15:40
S15	9	(open closed) adj state same monitoring adj switch\$4	US-PGPUB; USPAT	OR	ON	2006/05/01 15:42
S16	2	("4862091"   "4977478").PN. OR ("5894274").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/01 15:54
S17	7	("4575718"   "4689570"   "4777479").PN. OR ("4977478").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/01 16:31
S18	5	((("5841644") or ("4658241") or ("4051421") or ("5025419") or ("5858500"))).PN.	US-PGPUB; USPAT	OR	OFF	2006/05/02 10:31
S19	19248	(normally adj open) same (normally adj closed)	US-PGPUB; USPAT	OR	ON	2006/05/02 14:02
S20	12435	S19 same switch\$3	US-PGPUB; USPAT	OR	ON	2006/05/02 10:32
S21	1927	S20 same states	US-PGPUB; USPAT	OR	ON	2006/05/02 10:32
S22	318	S21 same select\$7	US-PGPUB; USPAT	OR	ON	2006/05/02 10:34
S23	1	S22 same tamper\$5	US-PGPUB; USPAT	OR	ON	2006/05/02 10:34
S24	166	S21 same (sense detect)	US-PGPUB; USPAT	OR	ON	2006/05/02 10:36
S25	1	S24 same tamper\$3	US-PGPUB; USPAT	OR	ON	2006/05/02 10:36
S26	1273	S19 same (sense detect)	US-PGPUB; USPAT	OR	ON	2006/05/02 10:36
S27	12	S26 same tamper\$3	US-PGPUB; USPAT	OR	ON	2006/05/02 10:36

## EAST Search History

S28	36	("3599745"   "3601729"   "3729602"   "3763484"   "3812308"   "3816680"   "3818160"   "3831163"   "3927286"   "4001185"   "4135067"   "4467154"   "4542337"   "4618746"   "4628160"   "4737759"   "5006676"   "5107203"   "5209343"   "5285033"   "5332876"   "5473322"   "5533520"   "5610338"   "5808254"   "5877686"   "5900602"   "6118269"   "6180873"   "6198059"   "6232886"   "6339199"   "6348665"   "6448516"   "6455790"   "RE34175").PN. OR ("6852935"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/02 10:50
S29	44	("2530628"   "2693382"   "2727772"   "2877041"   "3060786"   "3258285"   "3576119"   "3843174"   "4022509"   "4257631"   "4314722"   "4487439"   "4609910"   "4652028"   "4682801"   "4703962"   "4720128"   "4915431"   "5016929"   "5065136"   "5139293"   "5184855"   "5184856"   "5380053"   "5429399"   "5479151"   "5496079"   "5641187"   "5668533"   "5758913"   "5897149"   "5937487"   "6007119"   "6053546"   "6135515"   "6260892").PN. OR ("6609738"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/02 10:55
S30	13	("3588865"   "3626403"   "4118700").PN. OR ("4310835"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/02 11:04
S31	7	("3623159"   "4310835"   "4518953"   "4524349"   "5032823"   "5097253"   "5517175").PN. OR ("6441733").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/02 11:20
S32	80	S19 same tamper\$3	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/02 11:21
S33	5	S32 same select\$4	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/02 11:24
S34	5	S32 same select\$4	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/02 11:24
S35	1	S32 same preset	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/02 11:26

## EAST Search History

S36	444	tamper adj switch	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/02 11:27
S37	63	S36 same select\$4	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/02 11:54
S38	23	S19 same S36	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/02 11:28
S39	49	((("4361833") or ("5272384") or ("5517175") or ("5633626") or ("5864287") or ("6195002") or ("4630292") or ("5198809") or ("6026492") or ("6105136") or ("4945443") or ("3930226") or ("4327360") or ("4502090") or ("4795155") or ("4845470") or ("4896105") or ("4952926") or ("5345225") or ("5525963") or ("5659454") or ("5867095") or ("5904588") or ("5929731") or ("6054930") or ("6861955") or ("5973416") or ("4914362") or ("5229653") or ("5239954") or ("5367198") or ("5928552") or ("6028274") or ("4309695") or ("4352171") or ("4395637") or ("4399995") or ("4516185") or ("4628480") or ("4893348") or ("5262691") or ("5469350") or ("5644466") or ("5781062") or ("5793189") or ("5856683") or ("5872369") or ("5963086") or ("6160324") or ("6181190").pn.))). PN.	US-PGPUB; USPAT	OR	OFF	2006/05/02 11:54
S40	12	("4207558"   "4282519"   "4286159"   "4287515"   "4394655"   "4528558"   "4916432"   "4920333"   "5568123"   "5598147").PN. OR ("5867095").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/02 13:33
S41	32	circuit adj detect\$4 same (normally adj open) same (normally adj closed) same switch\$5	US-PGPUB; USPAT	OR	ON	2006/05/02 14:59
S42	109	YIN-RONG	US-PGPUB; USPAT	OR	ON	2006/05/02 14:35
S43	4	("4051421"   "4658241"   "5025419"   "5841644").PN. OR ("6903584"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/02 14:50

## EAST Search History

S44	1	circuit adj detect\$4 same (normally adj open) same (normally adj closed) same switch\$5 same tamper\$3	US-PGPUB; USPAT	OR	ON	2006/05/02 15:41
S45	16	(first second third) adj circuit same switch\$5 same tamper\$3	US-PGPUB; USPAT	OR	ON	2006/05/02 15:42
S46	8	("4467391"   "4849847"   "5689209"   "5966311"   "6590440"   "6614288"   "6678829"   "6759812").PN. OR ("6861955").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/02 15:49
S47	11	S45 same detect\$5	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/02 15:55
S48	1	(closed open) adj tamper adj configuration	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/02 15:56
S49	27	("2892181"   "3197734"   "3242460"   "3310775").PN. OR ("3656100").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/02 16:10
S50	7	(tamper anti-tamper) adj switch\$5 same (detect sense) same state	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/02 16:22
S51	257	detect\$7 adj (oper closed) adj state	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/02 16:21
S52	480	detect\$7 adj (open closed) adj state	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/02 16:21
S53	241	S52 same switch\$3	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/02 16:24
S54	2	S53 same (first second third) adj circuit	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/02 16:24
S55	10	("4096856"   "4653474"   "4996985").PN. OR ("5275158").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/02 16:26
S56	480	detect\$7 adj (open closed) adj state	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/03 10:44
S57	2	S56 same transistor\$2	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/03 10:45
S58	8	("4001718"   "4138709"   "4328433"   "4344071"   "4924122"   "5463333"   "5552644").PN. OR ("5942812").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/03 10:49

## EAST Search History

S59	2269	detection adj circuit same switch\$4 same transistor	US-PGPUB; USPAT	OR	ON	2006/05/03 10:51
S60	17	S59 same (prevention tamper\$3)	US-PGPUB; USPAT	OR	ON	2006/05/03 10:51
S61	131	307/134.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/31 18:09
S62	4	S61 and (detection adj circuit)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/31 18:17
S63	164	(detection adj circuit) same (normally adj open) same (normally adj closed)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/20 14:40
S64	106	S63 same switch	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/31 18:18
S65	6	S64 same monitoring	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/01 09:37
S68	40271	state adj switch	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/01 09:38



## EAST Search History

S69	928	S68 same (detect\$4 adj circuit)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/01 09:39
S71	17	S69 same ((normally adj open) (normally adj closed))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/01 09:40
S72	24	("4839876"   "4847822"   "4899327"   "4914725"   "4974219"   "5097361"   "5108184"   "5134601"   "5138594"   "5142516"   "5199017"   "5220546"   "5235574"   "5247498"   "5249168"   "5253245"   "5268887"   "5317550"   "5323368"   "5343454"   "5384676"   "5396478"   "5426545"   "5483510").PN. OR ("6052345"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/01 09:56
S73	19	("2438875"   "4184485"   "4363324"   "4777952"   "4870969"   "4873981"   "4878498"   "4940058"   "5237991"   "5269302"   "5470347").PN. OR ("6014587"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/01 11:39
S74	1	("5341129").PN.	US-PGPUB; USPAT	OR	OFF	2006/11/01 11:39
S75	17	("3611344"   "3659279"   "3793512"   "3976962"   "4104621"   "4464654"   "4524243"   "4806882"   "4837512"   "4854329"   "4879542"   "4912291"   "4914387"   "4947151"   "5012226").PN. OR ("5341129").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/01 11:54
S76	16	("2864910"   "3030616"   "3073402"   "3225848"   "3321704"   "3371254"   "3470553"   "R025609").PN. OR ("3659279"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/01 12:59

## EAST Search History

S77	289	S68 same (normally adj open) same (normally adj closed)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/01 12:59
S78	55	S77 same detect\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/01 13:01
S79	6	S78 same monitor\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/01 13:01
S80	1	("6861955").PN.	US-PGPUB; USPAT	OR	OFF	2006/11/01 14:48
S81	1	("20040222702").PN.	US-PGPUB; USPAT	OR	OFF	2006/11/01 18:12
S82	1257	340/635.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/01 18:12
S85	82	S82 and monitor\$4 adj circuit	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/01 18:15
S86	57	S85 and detect\$4	US-PGPUB; USPAT	OR	ON	2006/11/01 18:30
S87	40	S86 and switch	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/01 18:41

## EAST Search History

S88	22	S87 and normally	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/01 18:41
S89	37	S87 and normal\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/01 18:42
S90	136	307/134.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/04 16:31
S91	267	switch same (detection adj circuit) same ((normal\$4 adj open) (normal\$4 adj close))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/04 12:42
S92	2	S91 same configur\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/04 11:15
S93	33	switch same (detection adj circuit) same monitor\$4 same ((normal\$4 adj open) (normal\$4 adj close))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/04 12:42
S94	141	YIN-RONG	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/20 14:52

## EAST Search History

S95	25	S94 and switch	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/04 16:32
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